

# The Gazette of India



सत्यमेव जयते

PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, DECEMBER 5, 1959 (AGRAHAYAN 14, 1881)

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 5th December 1959

##### Special Notice

(1)

It is hereby notified for general information of the public that the holidays specified below will be observed by the office of the Controller of Patents and Designs, Calcutta during the year 1960:—

Bank holiday—1st January  
Netaji's Birthday—23rd January  
Republic Day—26th January  
Sree Panchami—1st February and 2nd February  
Doljatra—13th March  
Id-ul-Fitr—29th March  
First Baisakh—14th April  
Good Friday—15th April  
Id-ul-Zuha—5th June  
Muharram—5th July  
Janmastami—14th August  
Independence Day—15th August  
Mahalaya—20th September  
Durga Puja—27th September to 1st October,  
Mahatma Gandhi's Birthday—2nd October  
Luxmi Puja—4th October  
Kali Puja—19th October  
Christmas Day—25th December.

(2)

The following Groups of Abridgments of Patent Specifications have been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1/- per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

#### Group LXIV

(Containing Abridgments of —Fastenings.  
Patent Specifications between  
Nos. 30,001 and 35,000).

#### Group LXVI

(Containing Abridgments of —Miscellaneous (cutlery,  
Patent Specifications between table and toilet arti-  
Nos. 30,001 and 35,000). cles, furniture, boots,  
dress and sewing).

#### Group XII

(Containing Abridgments of —India rubber, plastics  
Patent Specifications between and paints.  
Nos. 35,001 and 40,000).

#### CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2 dated 26th September 1959.

In page 253, Column 2, under the heading "Application for Patents"—

Against No. 69031—

for "hydroy" read "hydroxy".

In page 254, Column 1, under the heading "Application for Patents"—

Against No. 69055—

for "Mataafse" read "Bataafse".

In page 255, Column 2, under the heading "Applications Accepted"—

Against No. 63522—

for "short-cutting" read "short-circuiting".

In page 257, Column 1, under the heading "Application Accepted"—

Against No. 64696—

for "Ciba Limited. New ethers of N-methylolamino-1:3:"  
read "Ciba Limited. New ethers of N-methylolamino-  
1:3:".

In page 258, Column 1, under the heading "Printed Specifications Published"—

Against Serial No. (2)—

for No. "57785" read No. "57788".

In page 258, Column 2, under the heading "Printed Specifications Published"—

Against Serial No. (7)—

for No. "69059" read No. "59059".

(2)

In the Gazette of India, Part III, Section 2, dated 3rd October 1959 —

In page 261, Column 1,

insert "Calcutta, the 3rd October 1959"

below "THE PATENT OFFICE" "Patents and Designs".

#### Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

Calcutta, the 19th November 1959

69751. R. R. Kapur. An advanced type of photogrammetric plotter.

69752. INVENTA A.G. FÜR FORSCHUNG UND PATENT-VERWERTUNG. Process for the production of spinnable linear copolyetheresters.
69753. INVENTA A.G. FÜR FORSCHUNG UND PATENT-VERWERTUNG. Process for the preparation of 4-4'-bisoxo-3-3'-dimethoxy-1-1'-diphenylethane (bi-vanillyl).
69754. Synthetic Moulders Limited. Improvements in or relating to mats made of polystyrene, polythylene or like moulding material.
69755. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ N.V. Polyphenyl ethers.
69756. SIMON-CARVES LIMITED. Improvements in and relating to coke oven doors. (9th December 1958).
69757. SIMON-CARVES LIMITED. Improvements in and relating to coke oven doors. (9th December 1958).
69758. The General Electric Company Limited. Improvements in or relating to mechanical springs. (25th November 1958).
69759. Demag-Humboldt-Niederschachtofen G.m.b.H., and "OFU" Ofenbau-Unionsgesellschaft m.b.H. Process and apparatus for producing smelttable briquettes consisting of iron ore and a fuel carbonizable at low temperature. (3rd September 1959).
69760. CIBA LIMITED. Manufacture of acid monoesters.
69761. Aluminium-Industrie-Aktien-Gesellschaft. Process and apparatus for making aluminium-silicon alloys.
69762. DEERING MILLIKEN RESEARCH CORPORATION. Doff-don carrier arrangement and method. (5th December 1958).
69763. ROLLS-ROYCE LIMITED. Alloy. (15th May 1959).
69764. ROLLS-ROYCE LIMITED. Alloy. (26th November 1958).
69765. G. C. Dadlani. A device for dry cleaning of garments and fabric.
69766. J. J. Mistry. An electrically operated geyser.
69767. ASAHI KASEI KOGYO KABUSHIKI KAISHA. A method for the recovery of selenium.
69768. G. M. Pfaff AG. Sewing machines more particularly arrangements for controlling stitch widths.
- 20th November 1959
69769. P. B. Menon. Meter-type motor for A.C. electric fans and the like.
69770. Automatic Telephone and Electric Company Limited. Improvements in or relating to mounting arrangements for electrical components. (26th November 1958).
69771. Automatic Telephone and Electric Company Limited. Improvements in or relating to mounting arrangements for electrical components. (25th November 1958).
69772. Dunlop Rubber Company Limited. Ply turning device for use in the manufacture of pneumatic tyres. (29th November 1958).
69773. The General Electric Company Limited. Improvements in or relating to vibratory equipment. (28th November 1958).
69774. I. Sukumar. Improvements in or relating to electric fans.
69775. MONTECATINI SOCIETA GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA. Improvements relating to the polymerisation of 1,3-butadiene.
69776. KNORR-BREMSE G.m.b.H. Improvements in or relating to braking devices for rail vehicles.
69777. PREFORMED LINE PRODUCTS COMPANY. Wire cutting mechanism.
69778. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of unsaturated higher fatty acids.
69779. CIBA LIMITED. Manufacture of cyclic esters.
- 21st November 1959
69780. Council of Scientific and Industrial Research. Improvements in or relating to production of citric acid from sugar cane molasses.
69781. Council of Scientific and Industrial Research. Refining of cottonseed oil to light-coloured products.
69782. Council of Scientific and Industrial Research. Improvements in or relating to production of citric acid from saccharine materials.
69783. V. S. Jhaveri. A gadget for preventing 'cord-wear' to service rifles in the process of cleaning.
69784. V. S. Jhaveri. An improved guard or protector for electric bulbs.
69785. V. S. Jhaveri. New form of quick water heater.
69786. V. S. Jhaveri. New device for detecting overloading on motor trucks, wagons etc.
69787. MONTECATINI SOCIETA GENERALE PER L'INDUSTRIA MINERARIA E CHIMICA. Improvements relating to the polymerisation of butadiene.
69788. J. A. Eastwood. Improvements in or relating to trays for use in the processing of tea leaf. [Addition to No. 57441].
69789. T. & H. SMITH LIMITED. Quaternary salts of tropine compounds. (25th November 1958).
69790. COMMISSARIAT A L'ENERGIE ATOMIQUE. Process of isotope separation by counter-current electromigration in fused salts.
- 23rd November 1959
69791. VEREINIGTE OSTERREICHISCHE EISEN UND STAHLWERKE AKTIENGESELLSCHAFT. Improvements in or relating to scraper conveyors.
69792. R. S. Motwani. A toy.
69793. Dr. M. P. Gupta. Treatment of chronic eye diseases (trachoma & conjunctivitis).
69794. Fertilizers & Chemicals Limited, and J. Breslerman. Filter aid.
69795. Fertilizers & Chemicals Limited, A. Strauchen, J. Breslerman and R. Wardy. Process for the manufacture of freed-grade dicalcium phosphate.
69796. Fertilizers & Chemicals Limited, A. Strauchen and J. Breslerman. Process for the manufacture of dicalcium phosphate.
69797. A. SCHEUCHZER. Improvements in or relating to a process for the excavation of ballast from a railway track and a machine for carrying out said process.
69798. Ciba Limited. Manufacture of new esters.
69799. Ciba Limited. Process for the manufacture of polymerisation products.
69800. Societe Alsacienne De Constructions Mecaniques. Method of continuously treating fabrics and machine for carrying out this method.
69801. S. Sambasivan. Method of manufacturing balls and cylpebs for use in rotary grinding mills.
69802. The Tata Iron and Steel Company Limited. Apparatus for the measurement of magnetic properties of minerals, ores, sinter and the like materials.

24th November 1959

69803. K. P. Varma. Improvements in or relating to devices making use of the forces of gravity on solids added by the potential and kinetic energy of the same for automation.

69804. H. PAPST. Magnetic tape apparatus.

69805. The Commonwealth Trust Limited. Automatic variable pick device for textile looms.

69806. BATAAFSE PETROLEUM MAATSCHAPPIJ N.V. (formerly known as N. V. Bataafsche Petroleum Maatschappij). Lubricating compositions.

69807. PECHINEY Compagnie de Produits Chimiques et Electro-metallurgiques. Assembly of refractory parts.

69808. Captain Sten-Olof Hugo Fagerlund. Method for the production of foundations, for instance for beacons, bridge supporters or similar submarine arrangements, as well as a foundation produced according to this method.

69809. United States Steel Corporation. Method of reducing eye holding in lacquered tin-plate.

69810. D. D. R. Rankin and K. E. Anderson. Method and means of erecting concrete floor and roof slabs in the construction of multi-floor buildings. (26th November 1958).

69811. The Distillers Company Limited. Purification of streptomycin. (6th January 1959).

69812. Mavor & Coulson Limited. Improvements in coal mining machines. (26th November 1958).

69813. Yardney International Corporation. Electrode assembly for electric batteries or accumulators.

69814. Dr. Ing. H. Deckel and Dipl. Ing. F. W. Deckel. machine tool. [Addition to No. 65276].

69815. S. Stokland. Apparatus for distributing fertilizer or other granular material. [Additional to No. 63548].

69816. Dr. S. Umezawa. Ne derivatives of basic water-soluble antibiotics and process for the production thereof.

69817. Siemens & Halske Aktiengesellschaft. Improvements in or relating to carrier frequency systems.

25th November 1959

69818. "SHELL" RESEARCH LIMITED. Aqueous lubricating compositions for metal rolling. (27th November 1958).

69819. Imperial Chemical Industries Limited. Prevention of caking of common salt. (1st December 1958).

69820. Imperial Chemical Industries Limited. Improvements in and relating to the polymerisation of olefines. (1st December 1958). [Addition to No. 66682].

69821. National Research Development Corporation. Improvements in or relating to induction motors.

69822. National Research Development Corporation. Improvements in or relating to rotary electric machines.

69823. National Research Development Corporation. Improvements in or relating to rotary electric machines. (2nd December 1958).

69824. Marconi's Wireless Telegraph Company Limited. Improvements in or relating to transistor oscillators. (23rd December 1958).

69825. J. R. Geigy A.-G. New amino acids and derivatives thereof.

69826. The Wellcome Foundation Limited. Diaminoquinazolines and method. (11th February 1959). [Addition to No. 60934].

69827. Merck & Co., Inc. Process for preparation of 3, 4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxides. (13th February 1959).

69828. Sherritt Gordon Mines Limited. Process for the production of lead. (8th May 1959).

69829. JOH. JACOB RIETER & CIE., ACTIENGESellschaft. Drafting arrangement for spinning machines.

69830. Metropolitan-Vickers Electrical Company Limited. Mounting arrangements for electric instruments or relays. (26th November 1958).

69831. Clevite Corporation. Spark source for an internal combustion engine.

69832. H. Ichinose. A tri-printing squeegee moving mechanism of an automatic screen printing machine.

69833. American Cyanamid Company. Improvements in or relating to stable antibiotic compositions. [Addition to No. 60749].

69834. Messrs. Dolphin Laboratories Private Limited. Improvement in or relating to a new haemostatic preparation in the form of a tablet or capsule.

69835. Messrs. Dolphin Laboratories Private Limited. Improvement in or relating to a sulphonamide preparation in the form of a tablet or capsule.

#### Alteration of Date

64174. The claim to priority date 12th June 1957 has been disallowed and the application dated as of 24th May 1958, the date of filing in India.

69455. Ante-dated to 19th May 1958, under Section 5 of the Act.

69690. Ante-dated to 28th October 1959.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

63210. A. ODERMATT. Method for introducing rubber pins into holes provided in a leather sole for foot wear. Accepted on 23rd November 1959.

*Introducing rubber pins characterised in that a gripping member is first pushed through each hole.*

63300. W. Borchmann. An apparatus for production and reproduction of images in natural colours. Accepted on 20th November 1959.

*The blue filter has a transmissivity of up to about 475 m $\mu$  the green filter has a transmissivity of about 475 to 555 m $\mu$  the yellow filter has a transmissivity of about 555 to 625 m $\mu$  and the red filter has a transmissivity of about 625 m $\mu$  and above.*

63310. Usines Decoufle. Improvements in or relating to tobacco-manipulating machines. (18th December 1957). Accepted on 21st November 1959.

*Means to form and feed forwardly a tobacco stream whose cross sectional size is greater than required and a trimming device and a measuring device which also varies the cross sectional size to which the stream is trimmed*

63318. Indian Lac Cess Committee. Improvements in or relating to the manufacture of dry mounting tissue paper with shellac-based adhesive. Accepted on 20th November 1959.

*Impregnating tissue paper with natural resin based adhesive composition removing excess of the composition adhering to the impregnated tissue paper and drying the same in an oven.*

63458. CHAS. PFIZER & CO., INC. Preparation of 6-deoxytetracycline antimicrobial agents. Accepted on 20th November 1959.

*Reacting tetracycline compound or derivative with hydrogen under acidic conditions and in presence of inert solvent a noble metal catalyst.*

63644. VEB ZEMENTANLAGENBAU DESSAU. Process for the heat treatment of silicious raw materials. Accepted on 25th November 1959.

*Burning siliceous raw material characterised in that the total heat treatment of the material takes place in a state of suspension.*

63760. Alembic Chemical Works Company Limited. Improvements in or relating to the production of penicillin by fermentation. Accepted on 19th November 1959.

*Fermentative cultivation in presence of safflower (kardi) oil cake.*

64130. ROHM & HAAS COMPANY. Process and apparatus for recovering sugar from sugar-bearing fluid. Accepted on 20th November 1959.

*Comprises passing through an ion-exchange resin bed in repeated cycles (1) the sugar solution (2) water to remove the sugar from the bed (3) regenerant for the exhausted exchanges and (4) water to wash the bed free of the regenerant and salts liberated thereby. There being used only that amount of the regenerant which is sufficient to convert a band of resin in the influent half of the bed from the salt form to the acid form in the case of cation-exchange resin.*

64149. B. B. Blackford and W. J. Gross. Adhesive material. (24th May 1957). Accepted on 23rd November 1959.

*Wherein each end of the adhesive material is in a curved form such that it is free from any straight line of adhesion parallel to the line of separation between the adhesive and the facing.*

64154. T. Varghese. Propellers for boats. Accepted on 23rd November 1959.

*Comprising a cylinder and a close fitting socket each having four openings behaving as valves and the propeller working inside the socket rotating in one direction, the bottom of the cylinder being closed, and means for turning the socket within the cylinder.*

64168. Council of Scientific and Industrial Research. Improvements in or relating to centrifugal pumps. Accepted on 23rd November 1959.

*Characterised in that (i) the impeller is fitted in a forced vortex casing and (ii) the vane outlet angle is less than the vane inlet angle.*

64171. Dunlop Rubber Company Limited. Vulcanised natural or synthetic rubber articles containing antiozonants and compositions for incorporation therein. (28th May 1957). Accepted on 23rd November 1959.

*Incorporating therein antiozonant and liquid carrier therefor.*

64173. Hoover Limited. Improvements relating to suction cleaner belt lifting and converter assemblies. Accepted on 23rd November 1959.

*A belt and converter assembly including a tubular belt guide arranged to be mounted in with the fan inlet and rotatable about its axis, and arranged to engage the belt.*

64174. A. R. Baro. A new process for purifying sugar cane juice separating partially the impurities without heat treatment. Accepted on 25th November 1959.

*Consists in passing the raw and cold sugar cane juice, through a sift or screen to separate the suspended solids.*

64183. Imperial Chemical Industries Limited. Process for the manufacture of new monoazo dyestuffs. (5th June 1957). Accepted on 23rd November 1959.

*Comprises diazotising a triazine and coupling the resulting diazonium compound with a naphthol sulphonic acid coupling in ortho position to the hydroxyl group.*

64192. Coal Industry (Patents) Limited. Improvements in and relating to conveyors. (7th June 1957). Accepted on 24th November 1959.

*Device for guiding the conveyor belt comprises a belt drum and a pair of pulleys for the ropes and a pair of sheaves for ropes.*

64193. Coal Industry (Patents) Limited. Improvements in and relating to conveyors. (7th June 1957). Accepted on 23rd November 1959.

*Provided with a device for changing the distance between the rope centres and/or for ensuring that the ropes are positively guided at a change of inclination.*

64214. International Computers and Tabulators Limited, formerly known as The British Tabulating Machine Company Limited. Improvements in or relating to pulse generating and pulse limiting circuits. (19th July 1957). Accepted on 23rd November 1959.

*Using limiter magnetic core.*

64247. Sindri Fertilizers & Chemicals (Private) Ltd. A process of manufacture of a mixture of hydrated iron oxide and calcium sulphate deposited on a fluffing agent by reacting calcium carbonate with ferrous sulphate for dry removal of sulphurated hydrogen from industrial gases. Accepted on 25th November 1959.

*A mixture of calcium carbonate, ferrous sulphate and fluffing agents is exposed to atmosphere till the reaction is over and the oxidation and hydrolysis of the resultant iron carbonate is complete.*

64260. Imperial Chemical Industries Limited. Apparatus in which photopolymerisation reactions may be carried out under high pressures. (26th June 1957). Accepted on 20th November 1959.

*Comprising cylindrical pressure vessel with internal quartz liner fitted with stirrers and tubular lamps in space surrounding said liner.*

64319. J. N. Vazifdar. Traffic signal lamp controllers. Accepted on 25th November 1959.

*A safety indicator employed with traffic controllers comprises a visible indicator which progressively lights up during the interval the signal changes from one colour to the other.*

64410. Indian Telephone Industries Private Limited. Improved automatic road traffic signalling system. Accepted on 19th November 1959.

*Timings of generating sequential timed signals are fixed by the constant of a C-R circuit in conjunction with a cold cathode trigger tube.*

64662. General Steel Castings Corporation. Improvements in or relating to railway vehicle trucks. Accepted on 21st November 1959.

*Frame supporting wheel and axle assemblies has a pair of transversely-spaced upwardly-facing horizontal bearing surfaces rigid therewith, a bolster having a downwardly-facing centre plate in pivotal load-supporting engagement with upwardly-facing plate.*

64825. Ciba Limited. Process for the manufacture of pilosomyacin its components A and B and acid addition salts of these compounds. Accepted on 21st November 1959.

*A strain of streptomyces galilaeus n. sp. A 18822 is cultivated in an aqueous nutrient medium.*

64875. Whittin Machine Works. Manually controlled brake apparatus effective for stopping spindles in spinning or twisting frames. Accepted on 24th November 1959.

*Comprising brake members mounted to embrace a rotated part of a spindle on opposite sides thereof.*

65064. Imperial Chemical Industries Limited. Synthetic rubberlike materials. (6th September 1957). Accepted on 24th November 1959.

*Proportions of ingredient for preparing polyesteramide are chosen so that from 8-64 mols. of dicarboxylic acid are present for each primary amino group.*

65092. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to ceramic bodies more particularly for use as capacitor dielectrics. Accepted on 23rd November 1959.
- Consisting of a sintered product of the oxides of barium titanium, bismuth and zirconium in some definite proportions calculated in members of their atoms.
65121. General Electric Company. Improvements in or relating to Stator vane half ring assemblies. Accepted on 24th November 1959.
- Forming a substantially circular flexible full ring having a substantially circular supported surface of a diameter larger than the diameter of supporting surface of casing rabbet.
65122. J. M. HUBER CORPORATION. Process and apparatus for making carbon black. Accepted on 24th November 1959.
- Burning hydrocarbon fuel substantially completely to form hot combustion gases substantially free of unburned fuel.
65282. Council of Scientific and Industrial Research. Improvements in or relating to crease and shrink proofing of cellulosic textiles. Accepted on 21st November 1959.
- Reacting methylol derivative of acetylene anurea with carbohydrate ureide.
65431. The British Drug Houses Limited. Manufacture of N-monosubstituted piperazines. (11th October 1957). Accepted on 21st November 1959.
- Reacting monopiperazinium salt with alkylating or aralkylating agent of upto 6C-atoms in presence of organic solvent.
65514. Jyoti Prasad Mukherji and Walchandnagar Industries Limited. Adjustable fluid flow control device. Accepted on 21st November 1959.
- Receptacle divided into two main compartments by a fixed vertical partition allowing fluid supplying to the compartment at the feed end of the device to overflow into the compartment at the delivery end.
65519. REFRIGERATION AND APPLIANCES CO. PRIVATE LTD. Improvements in or relating to electric lamps. Accepted on 25th November 1959.
- Shape and dimensions of base with respect to the shape and dimensions of the shade being such that after the bulb is removed, the base fits partly into the shade.
65586. Ciba Limited. New cyclodecane compounds and process for their manufacture. Accepted on 21st November 1959.
- Comprises N-alkylation of N-unsubstituted 1-azo-spiro (4:5)-cyclodecane-2-one.
65819. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of heterocyclic hydrazine derivatives. Accepted on 21st November 1959.
- Reacting 5-methyl-3-isoxazole carboxylic acid hydrazide with a carbonyl compound and reducing the hydrazone formed.
65915. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of nuclearly unsaturated ionones. Accepted on 21st November 1959.
- Cyclising a pseudoionone with an acidic cyclising agent in a liquid hydrocarbon medium.
66021. SCHNELLPRESSENFABRIK AKTIENGESELLSCHAFT HEIDELBERG. Improvements in or relating to cylinder printing machines. Accepted on 24th November 1959.
- Having a reciprocating flat impression forms and a curved forms connected in front thereof relative to the direction of rotation of the sheet.
66026. K. D. Shroff and C. C. Shroff. Isolating camphor. Accepted on 21st November 1959.
- Raw material is treated with aqueous alkali under heat to produce a liquid and a vapour phase and then camphor is isolated from the vapour phase.
66027. K. D. Shroff and C. C. Shroff. Isolating camphor. Accepted on 21st November 1959.
- Camphor present in raw material is dissolved in  $C. cl_4$  under heat and filtered and then the solvent is removed by distillation to produce a residue of camphor.
66057. E. A. Weaver. Preservation process for edible vegetable products. Accepted on 24th November 1959.
- Heating sealed vegetable product mixed with less than usual amount of preservative to 37°-55° C for 5-30 mts. then cooling to below 25°C.
66166. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to telegraph systems. Accepted on 21st November 1959.
- Demodulated signals are fed to a control-voltage generator to produce a control-voltage varying with levels of the demodulated signals and varying threshold value of the testing device.
66157. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to a method of interconnecting ceramic parts by means of a good-conducting metal and objects produced by this method. Accepted on 21st November 1959.
- With interposition of a foil of good conductive metals the parts are piled up and heated in excess of the melting point.
66230. GESELLSCHAFT FÜR LINDE'S EISMASCHINEN AKTIENGESELLSCHAFT ZWEIGNIEDERLASSUNG HOLLRIEGELSKREUTH. Improvements in or relating to heat exchangers. Accepted on 25th November 1959.
- Consisting of a non-spherical packing element having external bounding surface of substantially convex shape.
66329. ANKH LABORATORIES, INC. Apparatus for testing chemical compounds. Accepted on 5th November 1959.
- Comprising a dish having a layer of compound medium with its upper surface exposed, a cover for said dish arranged to overlie said layer.
66478. FARBWERKE HOECHST AKTIENGESELLSCHAFT vormals Meister Lucius & Bruning. Carrier substance in dyestuffs for the dyeing of plastic masses. Accepted on 25th November 1959.
- Containing polypropylene as carrier substance.
66543. SOCIÉTÉ DES USINES CHIMIQUES RHONE-POULENC, Vulcanisable organopolysiloxane compositions. Accepted on 4th November 1959.
- Comprises a linear aorganopolysiloxane and an organotriacyloxysilane.
66680. Universal Oil Products Company. Process for sweetening sour hydrocarbon distillates. Accepted on 16th November 1959.
- Oxidising distillate in presence of alkaline reagent and metal phthalocyanine catalyst.
66681. Automotive Products Company Limited. Improvements in or relating to hatchway covers. (12th February 1958). Accepted on 25th November 1959.
- Relative movement of two panels forming a pair is effected by one or more groups of two extensible and contractible actuators.
66849. John Blake Limited. Improvements in centrifugal type pumps. Accepted on 25th November 1959.
- Comprising two walls inter connected by curved vanes and defining a central chamber an opening through which a conveyed medium and an annular nozzle having a radially outwardly divergent a construction and a radially outwardly convergent portion immediately adjacent to and communicating with the chamber.
66867. SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Improvements in or relating to textile drafting mechanism. Accepted on 24th November 1959.
- Resiliently deformable lateral portions of the bracket are formed with opposite apertures to receive a member to co-operate with a threaded bolt.

67153. The Chloride Electrical Storage Company. Improvements in alkaline type electric accumulators. (2nd April 1958). Accepted on 25th November 1959.

*Production of sintered positive plates of nickel-cadmium by coprecipitation of cobalt hydroxide with nickel hydroxide.*

69455. National Lead Company. Method for the preparation of a homogeneous anhydrous aluminium titanium and chlorine containing composition and compositions prepared thereby. [Divisional date 19th May 1958]. Accepted on 19th November 1959.

*Aluminium metal, titanium tetrachloride and an organic solvent are mixed and the mixture heated to 80-220°C.*

#### Opposition Proceedings

##### (1)

The opposition entered by Shalimar Wood Products Private Limited, to the grant of a patent on application No. 63263, as notified in Part III, Section 2 of the Gazette of India dated 18th July 1959, has been treated as withdrawn.

##### (2)

An opposition has been entered by R. A. Cole Private Limited to the grant of a Patent on Application No. 63491 made by Styrene Products Limited.

##### (3)

An opposition has been entered by R. A. Cole Private Limited to the grant of a patent on application 65134 made by G. M. Adie.

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

##### (1)

54154. 54587. 56919. 56950. 57523. 57785. 57797. 57835. 57879. 57897. 58007. 58012. 58031. 58034. 58082. 58174. 58480. 58785. 58840. 58841. 58844. 58857. 59157. 59239. 59252. 59395. 59478. 59503. 59530. 59711. 59743. 59834. 59976. 60140. 60548. 60770. 60893. 60957. 60970. 60972. 61051. 61147. 61210. 61394. 61396. 61432. 61505.

##### (2)

52114. 53793. 54806. 56713. 57184. 57244. 57251. 57282. 57031. 57576. 57594. 57680. 57771. 57776. 57899. 57937. 58024. 58030. 58037. 58040. 58042. 58053. 58069. 58070. 58079. 58104. 58116. 58119. 58149. 58489. 58512. 58513. 58555. 58608. 58707. 58772. 58782. 58875. 59016. 59045. 59046. 59108. 59118. 59170. 59216. 59275. 59370. 59416. 59471. 59475. 59559. 59617. 59625. 59654. 59656. 59674. 59720. 59817. 59841. 59842. 59907. 59920. 60029. 60098. 60250. 60292. 60344. 60655. 60781. 60802. 60903. 60960. 60966. 61012. 61040. 61122. 61143. 61144. 61144. 61444. 61529. 61684. 61875. 61880. 61931. 61933. 61970. 62158. 62362. 62363. 62859.

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58204. 58213. 58235. 58310. 58321. 58593. 58648. 58917. 58947. 59012. 59047. 59052. 59064. 59166. 59195. 59214. 59266. 59339. 59365. 59403. 59513. 59610. 59632. 59723. 59786. 60008. 60224. 60319. 60346. 60502. 60503. 61041. 61081. 61095. 61152. 61288. 61321. 61384. 61465. 61707. 61736. 61800. 61811. 61818. 62001. 62002. 62098. 62266. 62452. 62523. 62668. 62853. 62867. 63132.

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59029. 59671. 59701. 59702. 59713. 59716. 59729. 59730. 59731. 59740. 59754. 59826. 59830. 59988. 60099. 60371. 60445. 60462. 60467. 60518. 60519. 60633. 60730. 60945. 60982. 61350. 61364. 61463. 61822. 61854. 62137. 62169. 62407. 62669. 62879. 62880. 63214. 63423. 63807. 64068.

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56328. 58382. 58729. 58760. 58998. 59013. 59018. 59024. 59027. 59063. 59071. 59102. 59172. 59198. 59220. 59264. 59393. 59400. 59422. 59439. 59440. 59447. 59488. 59534. 59540. 59548. 59567. 59569. 59612. 59618. 59708. 59752. 59797. 59846. 59865. 59933. 59952. 59986. 60000. 60011. 60088. 60091. 60213. 60254. 60267. 60268. 60408. 60507. 60593. 60737. 60753. 60767. 60772. 60783. 60940. 60962. 61124. 61515. 61630. 61633. 61647. 61653. 61654. 62039. 62088. 62117. 62150. 62267. 62355. 62413. 62445. 62469. 62482. 62492. 62494. 62560. 62582. 62623. 62759. 62820. 62822. 62841. 63185. 63219.

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58497. 58934. 59111. 59112. 59129. 59139. 59143. 59144. 59147. 59154. 59165. 59180. 59187. 59189. 59207. 59210. 59258. 59292.

59303. 59306. 59342. 59421. 59442. 59314. 59592. 59689. 59765. 60010. 60013. 60017. 60295. 60296. 60391. 60455. 60501. 60595. 60914. 60969. 60979. 61046. 61247. 61289. 61451. 61461. 61444. 61645. 61676. 61719. 61863. 62017. 62073. 62270. 62455. 62504. 62530. 62564. 62589. 63109. 63125. 63139. 63171. 63179. 63193. 63197. 63485. 63534. 55243.

#### Patents Sealed

61779. 61821. 61844. 61845. 61859. 61896. 62004. 62264. 62376. 62593. 62609. 62684. 62726. 62755. 62963. 62973. 62984. 63011. 63089. 63142. 63211. 63229. 63509. 63983. 64055. 64056. 64061. 64414. 64449. 64600. 64641. 64671. 64675. 64731. 64734. 64801. 64840. 64974. 65158. 65168. 65169. 65170. 65219. 65225. 65343. 65496. 65531. 65541. 65897. 65898. 66061. 66775. 67579. 67581.

#### Amendment Proceedings

##### (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Phillips Petroleum Company, a Corporation organised under the laws of the state of Delaware, of Bartlesville, Oklahoma, United States of America seek leave to amend the description and claims in the specification in respect of Patent application No. 59387. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

##### (2)

The amendment proposed by Farbenfabriken Bayer Aktiengesellschaft in respect of Patent application No. 61163 as advertised in the Gazette of India, Part III, Section 2 dated the 8th August 1959 has been allowed.

#### Renewal Fees Paid

27036. 27092. 31753. 31886. 33529. 33835. 33851. 33869. 33947. 33959. 34184. 34196. 34368. 34418. 36080. 36332. 36403. 36480. 36739. 36740. 36741. 38374. 38618. 38645. 38693. 38718. 38743. 38778. 38832. 38839. 38841. 38922. 38957. 38961. 39084. 39166. 39188. 40178. 40528. 40565. 40592. 40615. 40641. 40651. 40705. 40757. 40762. 40826. 40995. 41051. 41310. 41701. 41686. 42342. 42377. 42390. 42516. 42532. 42631. 42723. 42752. 43114. 44146. 44211. 44244. 44245. 44256. 44285. 44289. 44292. 44315. 44361. 44473. 44542. 44548. 44551. 44677. 44680. 44694. 44810. 45129. 46040. 46188. 46189. 46320. 46335. 46343. 46351. 46371. 46372. 46408. 46422. 46560. 46681. 46691. 46747. 46759. 46887. 47102. 47505. 47888. 47954. 48230. 48325. 48363. 48541. 48582. 48585. 48636. 48654. 48663. 48683. 48710. 48747. 48757. 48811. 48818. 48831. 48918. 50105. 50106. 50585. 50633. 50709. 50740. 50742. 50743. 50744. 50750. 50762. 50824. 50859. 50897. 50931. 50943. 50955. 50962. 51190. 51264. 51285. 51333. 51334. 51335. 51341. 51342. 51359. 51360. 51488. 52274. 53251. 53257. 53261. 53264. 53279. 53289. 53290. 53387. 53415. 53416. 53455. 53478. 53539. 53568. 53569. 53600. 53601. 53670. 53676. 53688. 53691. 53743. 53763. 53812. 53852. 54151. 54156. 54176. 54186. 54398. 54603. 54751. 55083. 55108. 55116. 55147. 55384. 55854. 55877. 55901. 55936. 55938. 55945. 55958. 55984. 55997. 56016. 56026. 56029. 56051. 56075. 56093. 56118. 56133. 56157. 56305. 56339. 56415. 56485. 56487. 56494. 56507. 56524. 56606. 56669. 56670. 56887. 56890. 56896. 56941. 57002. 57126. 57233. 57846. 58179. 58850. 59044. 59227. 59246. 59247. 59248. 60331.

#### Cessation of Patents

31297. 31302. 31303. 31328. 35379. 35393. 35419. 35489. 36111. 37980. 38028. 41817. 43635. 45657. 45677. 45679. 47863. 47876. 49927. 52518. 52525. 52526. 52528. 52531. 52533. 52536. 52537. 55189.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents And Designs Act, 1911 for the restoration of the following patent:—

No. 54584—Henry William Burrington.

The patent ceased on the 26th May 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 26th September 1959. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214 Lower Circular Road, Calcutta-17 on or before the 16th January 1960.



**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 101342 to 101345. The Khatau Makanji Spg. Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods" September 24, 1959.

Class 13. Nos. 101318 to 101323. Shree Ram Mills Limited, Fergusson Road, Parel, Bombay-13, India, a Company incorporated in India, "Textile piece goods", September 23, 1959.

Class 13. Nos. 101303 to 101306. The Tata Mills Ltd., an Indian Company, of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", September 22, 1959.

Class 13. Nos. 101293 to 101302. Calico Dyeing and Printing Mills Private Ltd., Industrial Estates, 41-E, Parel Chawl Road, Lalbaug, Bombay-12, Indian Business concern, (Private Limited Company), "Textile goods including silks and art-silk piecegoods", September 22, 1959.

Class 13. No. 101230. The Asoka Mills Ltd., Post Box No. 1050, Naroda Road, Ahmedabad, Indian Company, "Cotton textile fabrics" September 15, 1959.

Class 13. Nos. 101221, 101223 to 101229. Shree Ram Mills Limited, Fergusson Road, Parel, Bombay-13, India, a Company incorporated in India, "Textile piece goods", September 14, 1959.

Class 13. Nos. 101209 to 101212. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", September 14, 1959.

Class 13. Nos. 101026 to 101032. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", September 5, 1959.

Class 13. No. 100604. Crown Spg. & Mfg. Co. Ltd., Gokhale Road, (South), Parel, Bombay-13, Indian, "Textile goods", August 3, 1959.

Class 13. No. 100422. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41-E, Parel Chawl Road, Lalbaug, Bombay-12, Indian business concern, (Private Limited Company), "Textile goods including silks and art-silk piecegoods", July 24, 1959.

Class 13. No. 101563. H. A. Shah & Co. Partnership concern, of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18 (India), "Textile goods", October 13, 1959.

Class 13. Nos. 101557 to 101559. The Nutan Mills Limited, Anil Road, Via Vora's Roja, Ahmedabad-2, Indian Company, "Cloth piece goods", October 13, 1959.

Class 13. Nos. 101478 to 101480. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", October 5, 1959.

Class 13. Nos. 101467 to 101476. Shree Shubhlaxmi Mills Ltd., an Indian Firm, situated at Station Road, Cambay, "Cotton piece goods", October 5, 1959.

Class 13. Nos. 101465 and 101466. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", October 5, 1959.

Class 13. Nos. 101459 and 101460. H. A. Shah & Co., Indian Partnership Concern, of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18, (India), "Textile goods", October 3, 1959.

Class 13. Nos. 101450 to 101453. The Ahmedabad Advance Mills, Ltd., an Indian Company of Bombay House Bruce Street, Fort, Bombay, "Textile goods", October 3, 1959.

Class 13. Nos. 100911 to 100915, 100917 and 100918. Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Indian, "Textile goods", August 21, 1959.

Class 14. Nos. 100908 to 100910. Crown Spg. & Mfg. Co. Ltd., Gokhale Road, (South) Parel, Bombay-13, Indian, "Textile goods", August 21, 1959.

**Copyright Extended for a Second Period of Five Years**  
Design No. 81175, Class 3.

**Cancellation of the Registration of Designs**

(1)

The application for Cancellation of the registration of design No. 94778 made by Ganamukala Chenchiah Chetty and notified in Part III—Section 2 of the Gazette of India dated 7th February 1959 has become infructuous.

(2)

The application for Cancellation of the registration of design No. 94779 made by Ganamukala Chenchiah Chetty and notified in Part III—Section 2 of the Gazette of India dated 7th February 1959 has become infructuous.

DR. S. VENKATESWARAN  
Controller General of Patents,  
Designs and Trade Marks

